

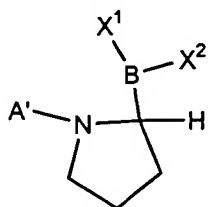
**Amendments to the Claims:**

This following Listing of the Claims replaces all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-20 (Canceled)

21. (New) A mixture of stereoisomers consisting of a compound of the following structure and at least one stereoisomer thereof:



wherein each X<sup>1</sup> and X<sup>2</sup> is, independently, a hydroxyl group or a group that is hydrolyzed to a hydroxyl group at physiological pH;

wherein at least 96% of the carbon atoms bearing boron are of the L-configuration;

wherein A' comprises an amino acid; and

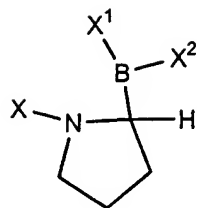
wherein each of the compounds inhibits DP-IV activity.

22. (New) The mixture of claim 21, wherein at least 97% of the carbon atoms bearing boron are of the L-configuration.

23. (New) The mixture of claim 21, wherein at least 98% of the carbon atoms bearing boron are of the L-configuration.

24. (New) The mixture of claim 21, wherein A' is alanine.

25. (New) A mixture of stereoisomers consisting of a compound of the following structure and at least one stereoisomer thereof:



wherein each  $X^1$  and  $X^2$  is, independently, a hydroxyl group or a group that is hydrolyzed to a hydroxyl group at physiological pH;  
 wherein at least 96% of the carbon atoms bearing boron are of the L-configuration;  
 wherein X comprises an amino acid or a peptide; and  
 wherein each of the compounds inhibits DP-IV activity.

26. (New) The mixture of claim 25, wherein X is an L-amino acid.
27. (New) The mixture of claim 25, wherein at least 97% of the carbon atoms bearing boron are of the L-configuration.
28. (New) The mixture of claim 25, wherein at least 98% of the carbon atoms bearing boron are of the L-configuration.